

Technology Document Management Consulting Services

Xerox Nuvera 288

Digital Perfecting System



Print Controller

RIP

- Xerox FreeFlow® DocuSP®
- Parallel RIP (available for PDF, PS, VIPP® data streams)
- 2.6 GHz Dual Core Processor (optional second dual core processor with additional 4 GB memory)
- · Server Class Processors:
 - Opteron™ Technology
 - Sun Solaris 10 OS
- 15" color flat panel monitor (attached), USB keyboard, USB mouse
- · Data Stream Options:
 - TIFF, Adobe® PostScript® Level 3, PDF, PCL6, ASCII, VIPP/PostScript, PPML (standard)
 - LCDS, IPDS (optional)
- · Connectivity:
 - Ethernet interface (10/100BaseT; 1 GB)
 - IBM Bus and Tag (optional)

Storage

- Memory: 4 GB
- Hard Drive: 160 GB SATA
- · DVD+RW Drive (CD write only)
- Second Hard Drive: 400 GB SATA (optional)

Print Submission Drivers

- Microsoft Windows® 95 through Windows® XP Professional. Windows® Vista will be available post launch.
- Apple Macintosh® OS 8 through Macintosh® OS X
- Sun Microsystems® Solaris® 2.6, 7.x, 8.x, 9.x, 10.x
- Linux® 2.x
- FreeFlow Print Manager
- Xerox Web User Interface

Management Tool Support

- IBM® Tivoli®
- CA™ Unicenter®
- HP OpenView
- SNMP V.1, IETF and Xerox MIB's, Trap Support
- CentreWare® Web

Printer Module

Image Quality

- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screen: 85, 106, 125, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast, Toner Saver
- Semi Conducting Magnetic Brush Technology (SCMB) with Emulsion Aggregation (EA) toner
- Silicon/Teflon® fusing for sharper halftones
- · Dual diode Raster Output System (ROS)
- Print path image-to-sheet and front-to-back registration ± .65 mm

Print Speed

Nuvera 288 Digital Perfecting System:

- 8.5" x 11"/A4-sized media: 288 duplexed images per minute
- 11" x 17"/A3-sized media: 144 duplexed images per minute

Average Monthly Print Volume (AMPV):

- Nuvera 288 Digital Perfecting System: 3M/month Duty Cycle:
- Nuvera 288 Digital Perfecting System: up to 6M/month

Sheet Enhancement Module

Post process module provides:

- Outstanding stack quality
- Sheet flatness for enhanced reliability of finishing options (booklet makers, perfect binders, stackers, etc.)
- · Automatically adjusts per individual media type

Media Input Options

Input Capacity

Sheet-feed Module:

- Trays per feed module: 4
- Total 5,800 sheets per module (20 lb. bond/75 gsm)
- Vacuum Air shuttle feed system
- Optional second module available

Capacity based on 20 lb. bond/75 gsm:

- Tray 1: 1,600 sheets; 5.5" x 8" to 9" x 12.6" (140 mm x 203 mm to 229 mm x 320 mm)
- Tray 2: 3,100 sheets; 5.5" x 8" to 9" x 12.6" (140 mm x 203 mm to 229 mm x 320 mm)
- Tray 3 and 4: 550 sheets each; 7.2" x 8" to 12.6" x 18.5" (182 mm x 203 mm to 320 mm x 470 mm)

High Capacity Sheet-feed Module:

- Trays per feed module: 2
- Total 3,200 sheets per module (20 lb. bond/75 gsm)
- Vacuum Air shuttle feed system
- Optional second module available

Capacity based on 20 lb. bond/75 gsm:

- Tray 1: 1,600 sheets; 7.2" x 8" to 12.6" x 18.5" (182 mm x 203 mm to 320 mm x 470 mm)
- Tray 2: 1,600 sheets; 7.2" x 8" to 12.6" x 18.5" (182 mm x 203 mm to 320 mm x 470 mm)

Media Latitude 1,2,3

Weights

- Coated: 60 lb. text to 12 pt. cover (90–250 gsm)
- Uncoated: 38 lb. book to 90 lb. cover (56-250 gsm)

Paper Types:

- · Coated: gloss, silk, matte
- Uncoated: book, text, bond, cover, Bristol, index offset
- Specialty: tabs, envelopes, preprinted offset forms, carbonless, never-tear
- ¹ Consult Xerox for expectations and unique performance parameters. Coated papers under 120 gsm may experience degraded performance.
- ² Consult in-line device specifications for capabilities and requirements.
- ³ Printing on preprinted offset forms requires special handling.

Xerox Nuvera 288 Digital Perfecting System

Insertion Module

Insertion Module:

- · Trays per feed module: 4
- Total 5,800 sheets per module (20 lb. bond/75 gsm)
- · Vacuum Air shuttle feed system

Capacity based on 20 lb. bond/75 gsm:

- Tray 1: 1,600 sheets; 5.5" x 8" to 9" x 12.6" (140 mm x 203 mm to 229 mm x 320 mm)
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Basic Finisher Module and Basic Finisher Module Plus

- Top tray: 250 sheet capacity (20 lb. bond/75 gsm) Basic Finisher Module only
- Stacker: 3,000 sheet capacity; offset between sets or jobs
- · One or two staples, up to 100 sheets
- Size: 5.5" x 8.5" (A5 and SRA3, papers > 12" in cross process direction to top tray only)
- Size: 7" x 10" to 12" x 18" (B5 to A3)

Finishing Transport Module

- Top tray: 250 sheets (20 lb. bond/75 gsm)
- Interface to in-line production finishing devices for stacking, booklet making, perfect binding, punching and thermal binding
- · Document Finishing Architecture (DFA) compliant

Electrical Requirements

- Dual 187–240 VAC (Nominal), 50 Amp, 50/60 Hz wall service for North America
- Printers, Feeders, Sheet Enhancement Module, Insertion Module and Finisher Modules (BFMs) included
- FTM and DFA Finishers will require additional power
- Dual 187–240 VAC (Nominal), 30 Amp (one for each Print Engine and Sheet Enhancement Module) for Europe
 - Feeders and Finisher Modules (BFMs) will require additional power
 - FTM and DFA Finishers will require additional power
- Optional modules require standard 100–240 VAC, 50/60 Hz wall service
- Power consumption: 1.316 kw (standby); 8.300 kw (running)
- Consult the Installation Planning Guide for detailed power requirements

Environmental Requirements

- Temperature: 50° to 87° F (10° to 31° C)
- Relative Humidity: 15% to 85%; wet bulb limitation 77° F
- Run Mode Heat Emissions: configuration dependent; consult Installation Planning Guide

For more information on Xerox Nuvera® 288
Digital Perfecting System, call toll-free
1-800-ASK-XEROX or visit us on the web at
www.xerox.com

Certifications

- Corporate Environmental Leadership Team policy of maintaining a waste-free customer office
- UL 60950-1, C-UL Approved for Canada CAN/CSA-C222.2 No. 60950-1-3 and IEC 60951-1

Physical Characteristics

Sheet Feed and Insertion Module

Width	Depth	Height	Weight
31.7"	28"	44.6"	423 lbs.
805 mm	711.2 mm	1,133 mm	192 kg

Print Engine(s)

Width	Depth	Height	Weight
88"	29"	61.6"	1,600 lbs.*
2,229 mm	737 mm	1,565 mm	726 kg*

Sheet Enhancement Module

Width	Depth	Height	Weight
15"	28"	41.5"	168 lbs.
381 mm	711.2 mm	1,054 mm	76.2 kg

Basic Finisher Module

Width	Depth	Height	Weight
33"	28"	44.6"	369 lbs.
838 mm	711.2 mm	1,133 mm	167.4 kg

Basic Finisher Module Plus

Width	Depth	Height	Weight
49"	28"	44.6"	560 lbs.
1 222 mm	711 2 mm	1 122 mm	25.4 kg

Finishing Transport Module

Width	Depth	Height	Weight
35.6"	28"	46.3"	319 lbs.
904.2 mm	711.2 mm	1,176 mm	145 kg

^{*}With consumables loaded.

Please reference the specification sheets for Xerox FreeFlow Makeready®, FreeFlow Process Manager™ and FreeFlow Web Services for complete details.





HARMACEUTIC

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